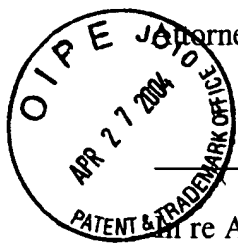


#5



Attorney Docket # 4577-43RE

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Jae Woo YANG et al.

Serial No.: 10/038,153

Filed: October 19, 2001

For: System for Synchronization Between Moving  
Picture and a Text-To-Speech Converter

Examiner: Armstrong, Angela  
Group Art: 2654

I hereby certify that this correspondence is being  
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Roger S. Thompson

Name of applicant, assignee or Registered Representative

Signature

April 23, 2004

Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in  
accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is  
directed to the documents listed on the enclosed Form PTO 1449. Copies of the listed documents  
are also enclosed.

Also enclosed is a copy of an Official Action issued in the corresponding Japanese  
application.

Reference AL is a publication in Japanese in which comparison between the  
codebook mapping based method and the HMM based method on speech-to-lip movement  
synthesis is disclosed by E. Yamamoto, S. Nakamura, and K. Shikano.

This publication compares the HMM method with the VQ method to suggest availability of the HMM method. The publication discloses a method for generating an image system of a natural motion capable of lip-reading.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

It is respectfully requested that the above information be placed in the file of the above-captioned application.

It is believed that no fees or charges are required at this time in connection with the present application; however, if any fees or charges are required at this time, they may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: April 23, 2004